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(54) **Composite tubular woven seal for gas turbine nozzle and shroud interface**

(57) A compliant woven tubular seal (70) is provided in an arcuate cavity opening through an axial face of a plurality of shroud segments in opposition to a nozzle retaining ring. The annular composite tubular woven compliant seal includes a stainless steel inner metal core (78) surrounded by an annular layer of silica fiber (80). Surrounding the silica fiber is a metal foil (82) which prevents flow past the supplemental seal. an outer wear-resistant braiding (84) serves as a protective covering and wear surface.

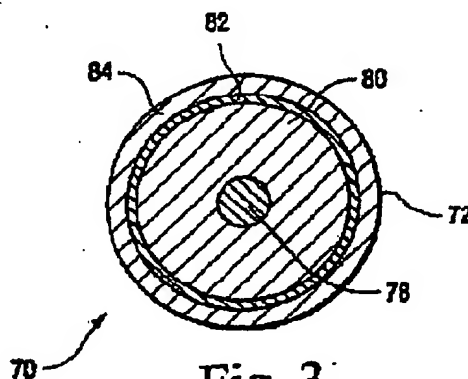


Fig. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 8877

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F02C F01D F16J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 December 2003	Examiner Narminio, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosures P : intermediate document		T : theory or principles underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons B : member of the same patent family, corresponding document	

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05-12-2003

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